



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

USG Corporation
550 West Adams Street
Chicago, IL 60661

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: USG Celebration Torsion Spring Aluminum Exterior Ceiling System

APPROVAL DOCUMENT: Drawing No. CTS-01 through 06, titled "Celebration Torsion Spring Exterior Ceiling", sheets 1 through 6 of 6, dated 07/08/2016, prepared by USG Corporation, signed and sealed by Carl D. Fussner, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each piece shall be permanently marked at not more than 4' o.c. with a number or marking and the packaging shall include the manufacturer's name or logo, city, state, model number or name, Miami-Dade County NOA number, test standards and net free area per FBC 1710.9.2 and 1710.9.3.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
09/02/2016

NOA No. 16-0404.02
Expiration Date: September 15, 2021
Approval Date: September 15, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. CTS-01 through 06, titled "Celebration Torsion Spring Exterior Ceiling", sheets 1 through 6 of 6, dated 07/08/2016, prepared by USG Corporation, signed and sealed by Carl D. Fussner, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
3) Tensile Test per ASTM E8-08
along with marked-up drawings of a Paralene Plus Suspended Ceiling, prepared by Intertek-Architectural Testing, Inc., Test Report No. E6376.01-450-18, dated 11/23/2015, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Structural analysis prepared by PEI Engineering Services, Inc., dated 07/20/2016, signed and sealed by Carl D. Fussner, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

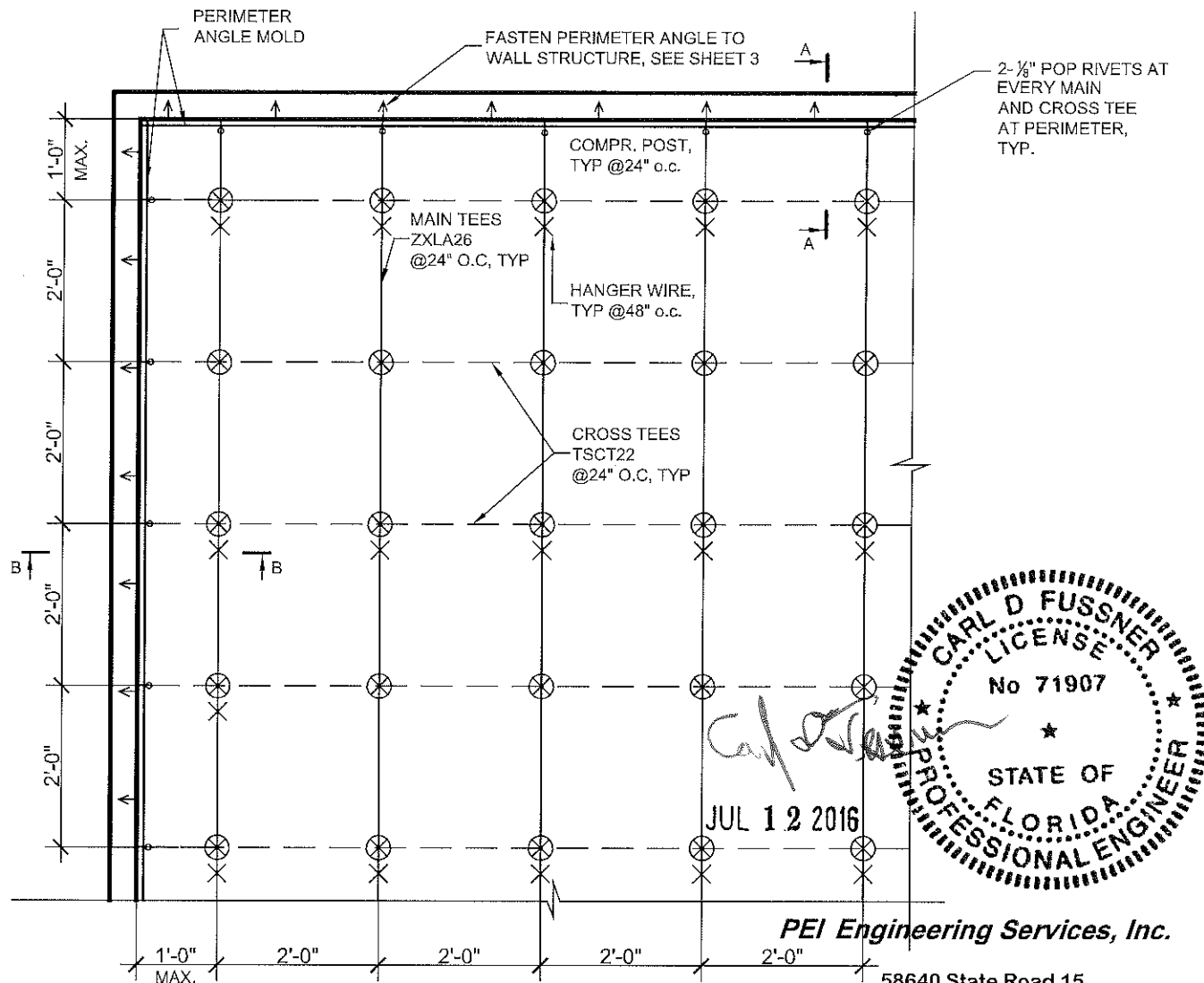
1. Statement letter of code conformance to the 5th edition (2014) FBC issued by PEI Engineering Services, Inc., dated 05/27/2016, signed and sealed by Carl D. Fussner, P.E.
2. Statement letter of no financial interest issued by PEI Engineering Services, Inc., dated 05/27/2016, signed and sealed by Carl D. Fussner, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 16-0404.02

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1 PLAN

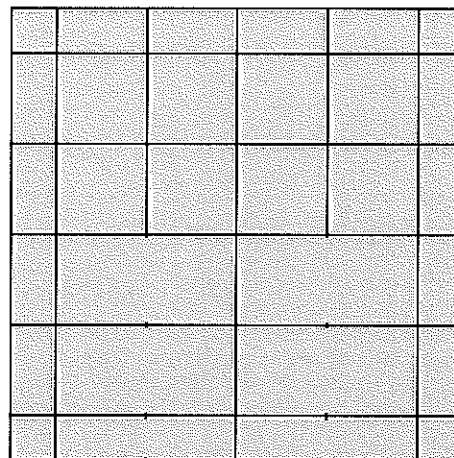
Scale: 1/2" = 1'-0"

CELEBRATION TORSION SPRING
 ZXLA26 MAIN TEES AT 24" O.C.
 TSTC CROSS TEES AT 24" O.C.
 COMPRESSION POSTS AT 24" O.C.
 HANGER WIRE AT 48" O.C.
 ALUMINUM PANELS 2' x 2' AND 2' x 4'

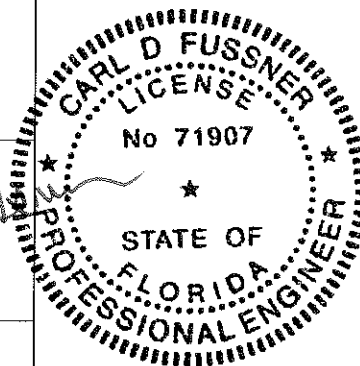
PRESSURE:
+73.3 PSF UPWARD
 THIS EXTERIOR CEILING SYSTEM HAS NOT
 BEEN TESTED AND/OR APPROVED FOR
 NEGATIVE (DOWNWARD) DESIGN
 PRESSURE

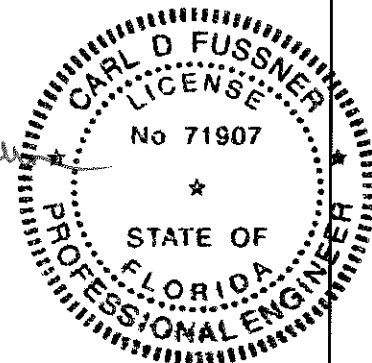
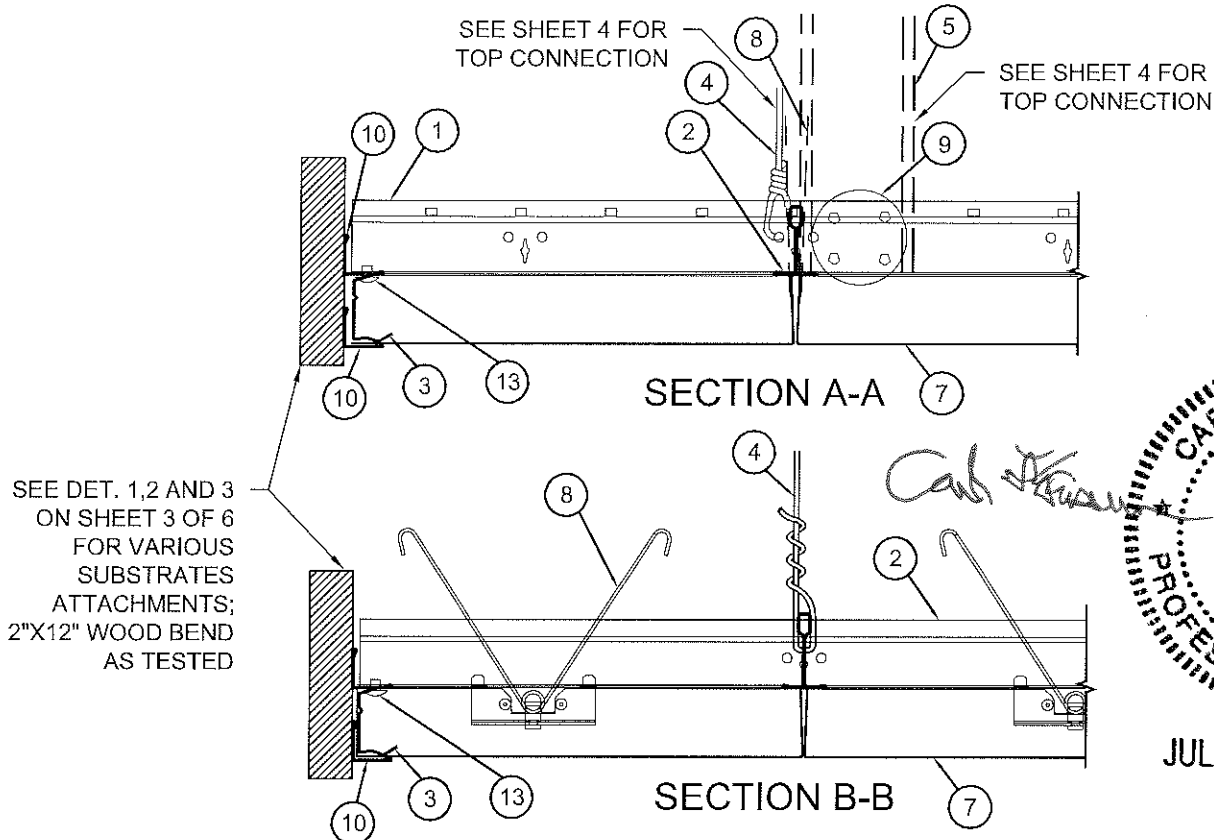
Approved as complying with the
 Florida Building Code
 Date 09/15/2016
 NOA# 16-0404-02
 Miami Dade Product Control

By [Signature]



PEI Engineering Services, Inc.
 58640 State Road 15
 Goshen, IN 46528
 Phone: (574) 533-0337 - Fax: (574) 533-9736
 FL C.O.A. Number 27447





JUL 12 2016

1	ZXLA26 MAIN TEE, 33 KSI
2	TSCT44 OR TSCT22 CROSS TEE, 30 KSI
3	T15 HOLD-DOWN CLIP 10-1/2" LONG @ 12" O.C.
4	12 GA HANGER WIRE
5	2-1/2" - 22 GA. STUD COMPRESSION POST; Fy = 33 KSI (MIN)
6	1/4" LAG SCREW W/1-1/4" EMBEDMENT
7	ALUMINUM PANEL, RE. SHEET 6 FOR SIZES
8	METAL SPRING ASSEMBLY
9	#8 x 7/16" PAN HEAD SCREW
10	M7 ANGLE- 7/8" X 7/8" WALL MOLDING
11	HILTI 3/8" KWIK BOLT TZ-CS EXPANSION ANCHOR (OR EQUIVALENT)
12	L 1-1/2 x 1-1/2 x 12GA. x 6" CLIP; Fy = 36 KSI (MIN)
13	1/8" POP RIVET
14	1/4" HILTI HHCA CEILING HANGER WITH 1-1/4" EMBEDMENT.
15	0.145" DIA. HILTI X-U 15 (OR EQUIVALENT)
16	HILTI X-CW X-U-27 FASTENER, 1-1/4" EMBEDMENT
17	3/16" CARBON OR STAINLESS STEEL TAPCON ANCHOR
18	#8 1-1/4" SCREW SHARP POINT
19	#8 - 1 1/8" DRILL POINT SCREW

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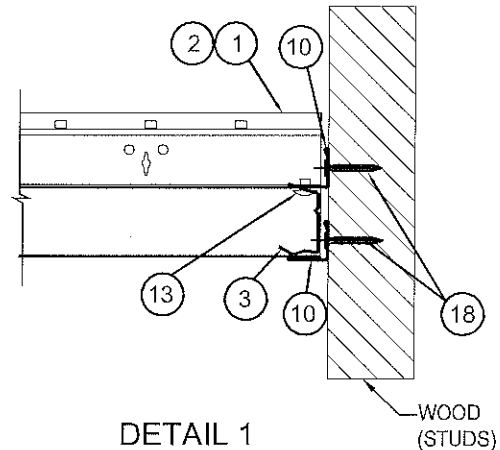
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DATE: 07/8/2016

SECTIONS
CELEBRATION TORSION SPRING
EXTERIOR CEILING
MIAMI DADE CO NOA

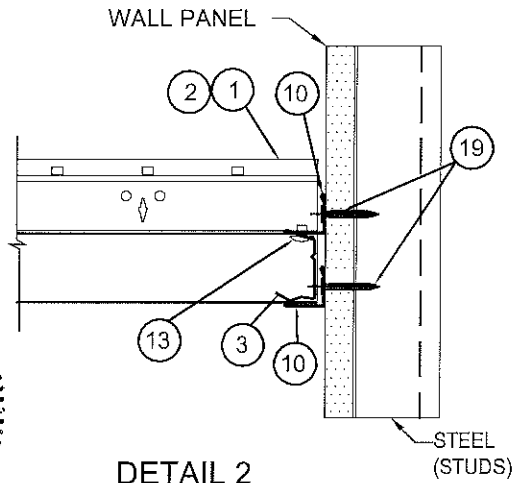
SHEET
2 OF 6

ANCHORING NOTES:
WALL MOLDING TO STRUCTURE
USE DETAILS 1 THROUGH 3 FOR
ATTACHMENT.

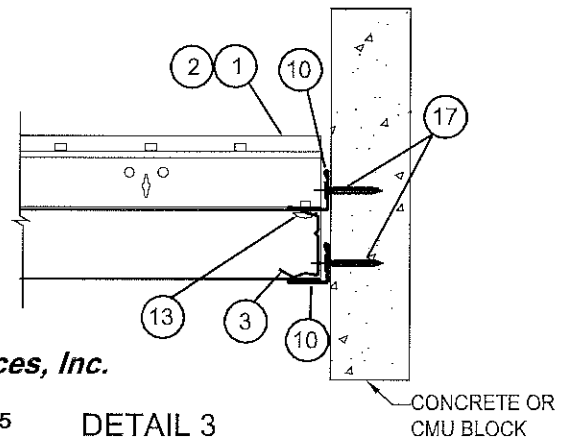
WOOD SUBSTRATE DETAIL 1
MOLDING ANGLE: USE #8 SCREW WITH 2"
MINIMUM PENETRATION AT 16" O.C.



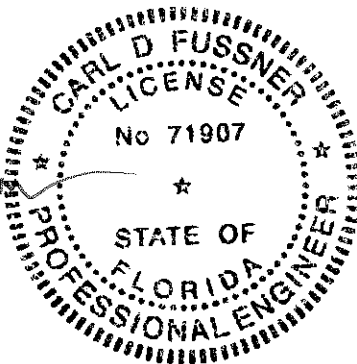
STEEL SUBSTRATE, DETAIL 2
MOLDING ANGLE: USE #8 x 1-1/8" SCREW OR
EQUIVALENT AT 16" O.C.



CONCRETE SUBSTRATE, DETAIL 3
MOLDING ANGLE: USE 3/16" DIA. TAPCON ANCHOR
OR EQUIVALENT AT 16" O.C. WITH 1" MINIMUM
EMBEDMENT AND 2" MIN. EDGE DISTANCE IN 3000
PSI CONCRETE OR MEDIUM-WEIGHT CMU BLOCKS
AT 16" O.C.



Carl D. Fussner
JUL 12 2016



PEI Engineering Services, Inc.

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Miami Dade Product Control
By: *[Signature]*

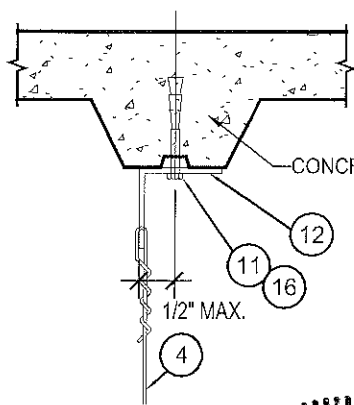


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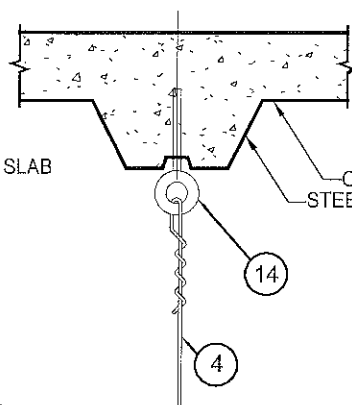
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DATE: 07/8/2016

WALL DETAILS
CELEBRATION TORSION SPRING
EXTERIOR CEILING
MIAMI DADE CO NOA

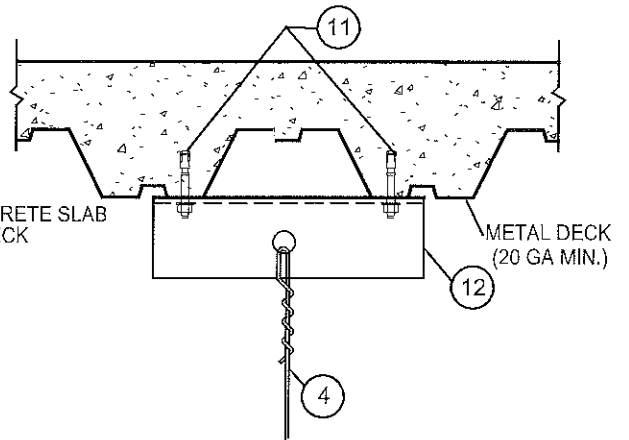
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3 OF 6



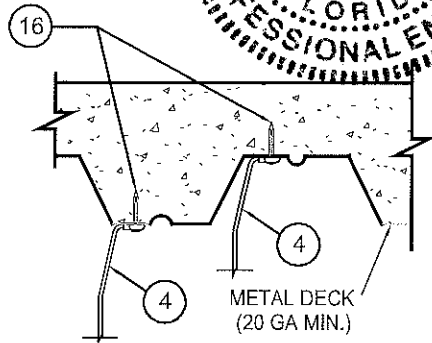
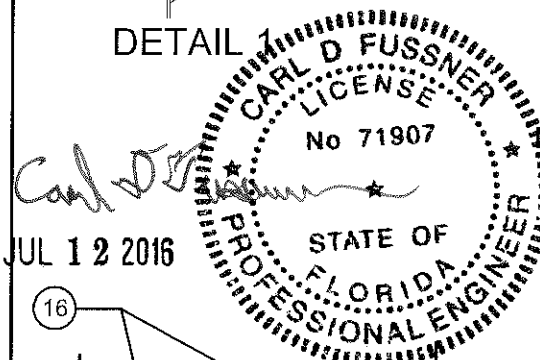
DETAIL 1



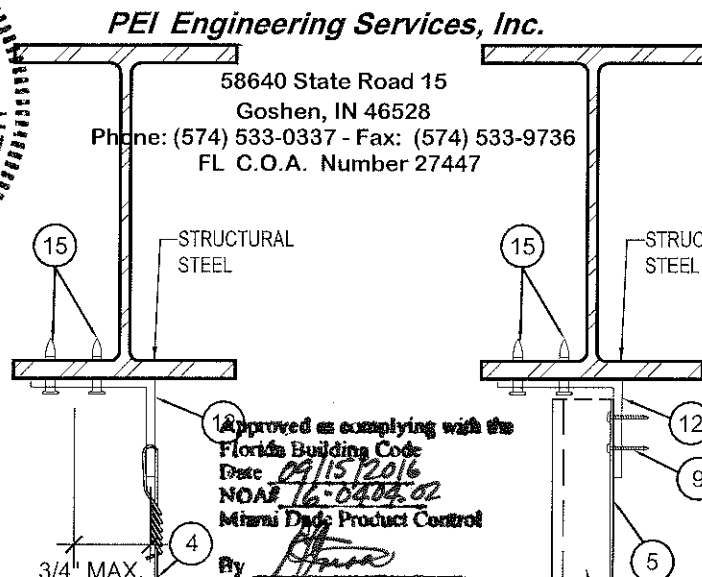
DETAIL 2



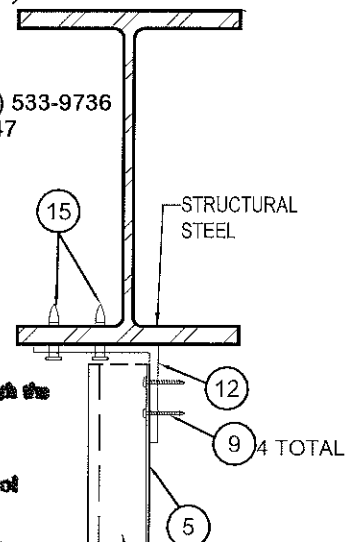
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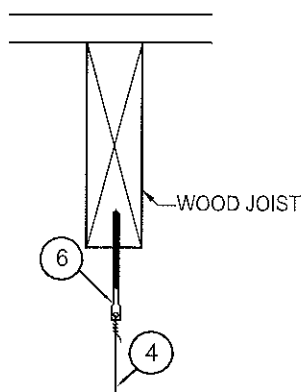
DETAIL 4



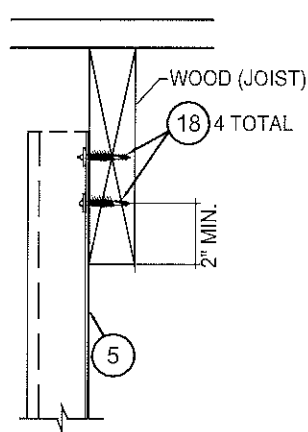
DETAIL 5



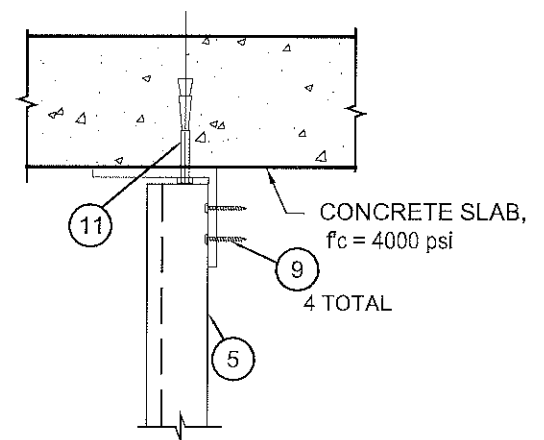
DETAIL 6



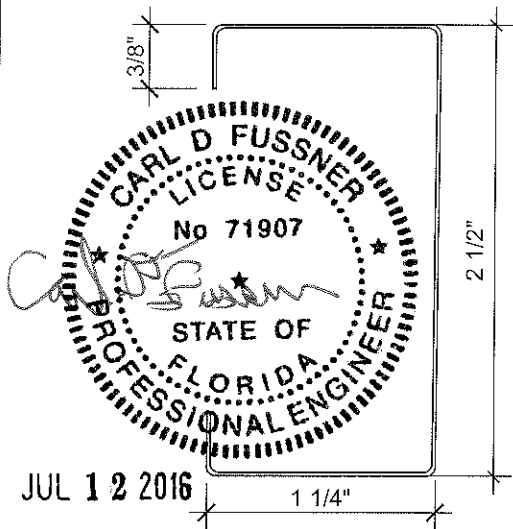
DETAIL 7



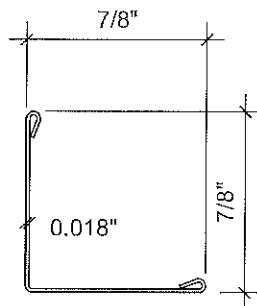
DETAIL 8



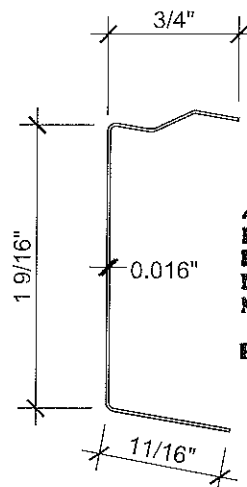
DETAIL 9



250S125 - 22 GA
METAL STUD



M7 ANGLE



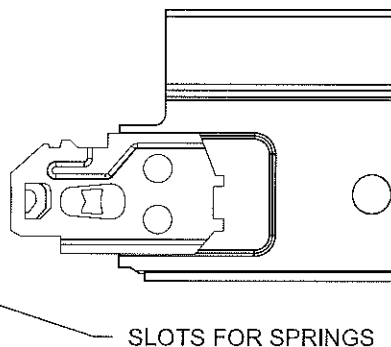
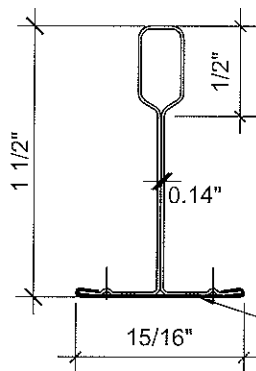
T15 HOLD-
DOWN CLIP

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By: *[Signature]*

PEI Engineering Services, Inc.

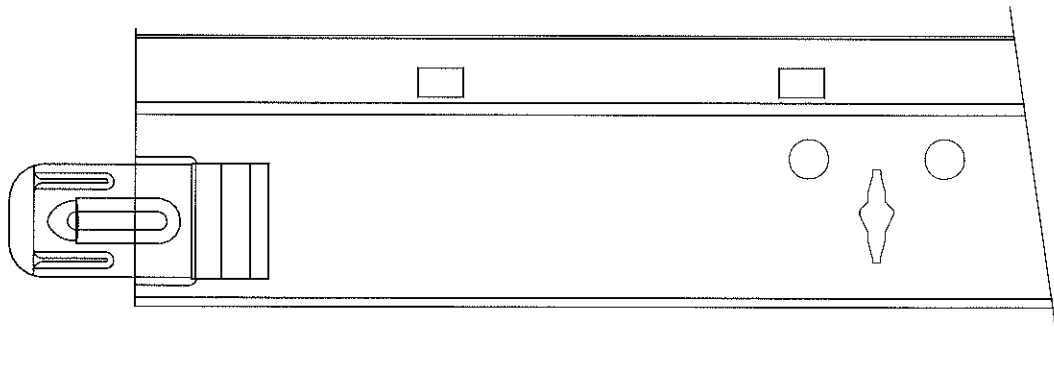
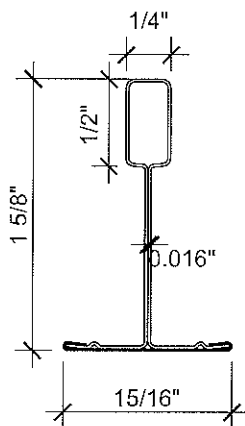
58640 State Road 15
Goshen, IN 46528

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FL C.O.A. Number 27447



SLOTS FOR SPRINGS

TSCT 66 OR TSCT44 OR TSCT22 CROSS TEE



ZXLA26 MAIN TEE



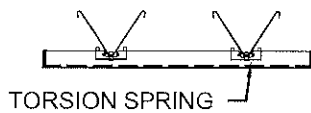
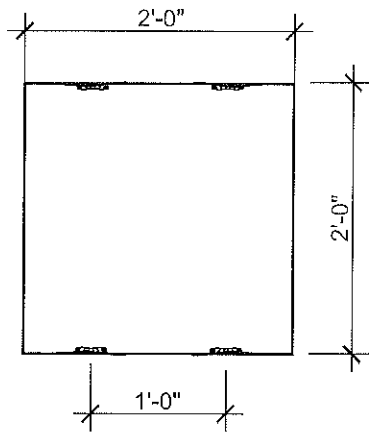
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DWG.# CTS-05

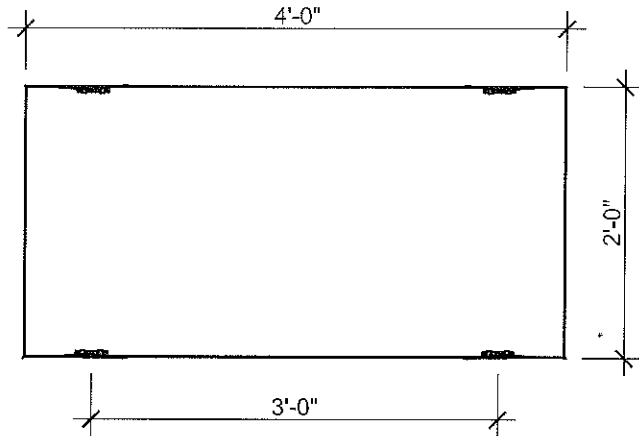
DATE: 07/8/2016

COMPONENTS
CELEBRATION TORSION SPRING
MIAMI DADE CO NOA

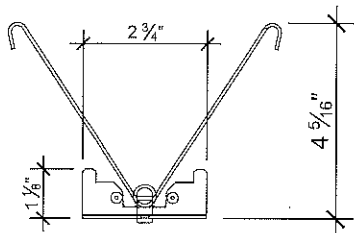
SHEET
5 OF 6



1 2 FT x 2 FT PANEL
ALUMINUM TYPE 3105 H14

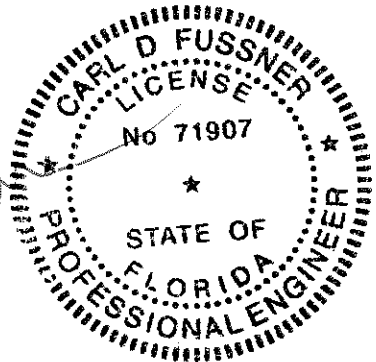


2 2 FT x 4 FT PANEL
ALUMINUM TYPE 3105 H14



3 SPRING ASSEMBLY
STAINLESS STEEL TYPE 302 SS
0.080 DIA. WIRE; CLIP HDG
STEEL POWDER COATED;
ATTACHED TO PANEL W/ 1/8"
ALUMINUM POP RIVETS

Carl D. Fussner
JUL 12 2016



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USG
UNITED STATES
GYPSUM CO.
550 West Adams Street
Chicago, Illinois 60661

DWG.# CTS-06
DATE: 07/8/2016

PANELS
CELEBRATION TORSION SPRING
MIAMI DADE CO NOA

SHEET
6 OF 6